Elastomeric Roofing Systems, Inc

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ERAGUARD GC ACRYLIC COATING

Product Data Specification

TYPICAL PHYSICAL PROPERTIES

% Solids(Volume/Weight)	ASTM D2697/D1644	50% / 60%
Viscosity	ASTM D2196	23000 cps
	ASTM D560	105 KU
Elongation	ASTM D2370	260% at 74^0 F
Tensile Strength	ASTM D2370	250 psi
Moisture Vapor Permeance	ASTM D1653	
@ 30 dry mils.		5.0 perms
Weight/Gallon		11.5 Lbs.
Shelf Stability		8 months
Cure Time		2-6 hours to recoat

DESCRIPTION

Eraguard GC is a single component, water-based acrylic, elastomeric coating. It also provides excellent UV protection for Single-Ply Membranes and Polyurethane foam. It exhibits superior adhesion, has a high hide capability to provide a pleasing appearance and is designed to dry faster than many acrylic coatings

USES

Eraguard GC is a versatile, economic and easily applied coating. Primary use is to protect Single-Ply Membranes. It may also be used over other substrates including: concrete, board stock roof insulation, foam, and properly prepared plywood.

PACKAGING

Packaging is standard 5 gallons pails and 55 gallon drums.

APPLICATION EQUIPMENT

Application may be brush, roller or airless spray.

Brush or Roller: Recommended for flashing, small inaccessible areas or where over spray may be a problem. Use a paint brush or a standard medium or coarse nap roller.

Airless Spray Equipment: Airless spray equipment should be capable of 1 gallon per minute capacity at 3000 psi. Eraguard GC is designated a "medium elastomeric coating" with medium viscosity for pump purposes. 1/2" high pressure hoses perform well. The airless spray gun should be equipped with a ball-bearing swivel for ease of handling. Recommended orifice size is .025" to .035" diameter, wide-angle fan pattern. A reverse-a-clean nozzle is recommended. Exact orifice size will vary with temperature of the material and weather conditions.

APPLICATION

Eraguard GC may be used to waterproof, seal, and protect a variety of substrates such as single-ply membranes, concrete, plywood, foam, and board stock roof insulation.

To the properly prepared substrate (Contact ERSystems Technical Service if questions exist) a base coat of Eraguard GC is applied at 1 - 2 gallons per SQ. The finish coat of white Eraguard GC is applied at 1 - 2 gallons per SQ after the base coat has cured. Optional: Addition of 25-30 lbs. of #11 roofing granules is often embedded into a tack coat of 1/2 gallon per SQ of Eraguard GC.

Adhesion of Eraguard GC should always be checked. Apply 6-12" square of Eraguard GC and embed a piece of Poly Soft II fabric into the coating, leaving a tail of the fabric exposed. Allow 2-3 days for the Eraguard GC to cure and perform a 90^0 pull test of the fabric tail to test adhesion of the coating to the substrate.

Over polyurethane foam: See Polyurethane Foam Insulation Roof Guideline – Acrylics) Follow the detailed instructions regarding characteristics of the polyurethane foam required and preparation of the foam surface. Apply 2 coats. The first coat of gray Eraguard GC should be applied at 1 ½ – 2 gallons per 100 square feet as a base coat. For best results, the base coat of Eraguard GC is typically back rolled. After approximately 28 hours, apply the second coat at the rate of 1 ½ - 2 gallons per 100 square feet. Contrasting colors of the white

Eraguard GC helps to assure proper coverage. The resulting d.f.t. will be 30 or more mils. Roofing granules may be embedded into a final tack coat of ½ gallon per SQ of Eraguard GC.

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TEMPERATURE CONSTRAINTS

Do not apply Eraguard GC below 40^0 F or in weather conditions where the temperature will fall below 40^0 F during the cure cycle. The service temperature range is -35°F to 180°F. The substrate temperature range for application is 40°F – 120°F.

LIMITATION

Substrate must be clean, smooth and free of dirt, rust and/or moisture. Power washing of substrate is recommended.

Eraguard GC must not be applied during inclement weather and should not proceed if any precipitation is imminent.

Application of materials with power spray equipment will require some masking and possible erection of wind screens to prevent over spray damage to surrounding structures, building surfaces, vehicles or other property or persons.

CLEAN-UP

Flush all hoses, equipment, and tools with water immediately after use.

STORAGE

Always store Eraguard GC above 40^0 F. Keep from freezing!

CAUTION!!!!

Avoid prolonged and repeated contact with skin. Do not take internally. Eraguard GC may be attacked by some solvents. If solvents are to come in contact with Eraguard GC, the user should test solvent on a cured sample prior to application, or request information from ERSystems technical services. Eraguard GC should not be used in areas of standing water.

WARRANTY

PRIOR TO USE OF THIS MATERIAL, READ ALL APPROPRIATE MATERIAL SAFETY DATA SHEETS.